



# COMMONWEALTH OF KENTUCKY JOB CLASS SPECIFICATION

## TRANSPORTATION BRIDGE INSPECTOR II

Job Number: 20001395

Job Code: 70220V150416

Job Group: 7000 - ENGINEERING AND GEOLOGICAL

Job Established: 04/16/2010

Job Revised: 04/16/2015

Grade: 15 Salary (MIN - MID):

\$19,882-\$26,339 - Hourly

\$3,230.84-\$4,280.10 - 37.5 Hr. Monthly Salary

\$3,446.22-\$4,565.44 - 40 Hr. Monthly Salary

Special Entrance Rate:

NONE

NONE

NONE

### PROBATIONARY PERIOD:

This job has an initial and promotional probationary period of 6 months. For additional information refer to: <http://www.lrc.ky.gov/kar/101/001/325.htm>.

**CHARACTERISTICS OF THE JOB:** *Characteristics of a job are general statements indicating the level of responsibility and discretion of positions in that job classification. These are not intended to be an exhaustive list.*

With the specific written approval of the State Highway Engineer, positions in this class are authorized and assigned to act as team leader on complex bridge maintenance projects, coordinate the work of members of a bridge inspection team, and oversee activities on complex bridge maintenance projects; perform tasks requiring the application of advanced technical principles in the design, development and/or review of complex bridge maintenance projects; and perform other duties as required. (Engineering decisions recommended by positions of the class must be approved by a Licensed Professional Engineer under KRS 322.)

### MINIMUM REQUIREMENTS:

#### **EDUCATION:**

High school

#### **EXPERIENCE:**

Supplemented by five years of bridge inspection experience under the supervision of a Qualified Inspection Team Leader plus two years of inspection experience on complex structures; and successful completion of a Federal Highway Administration approved comprehensive bridge inspection training course; and successful completion of National Highway Institute courses 130078, "Fracture Critical Inspection Techniques for Steel Bridges" and 135047, "Stream Stability and Scour at Highway Bridges for Bridge Inspectors."

#### **Substitute EDUCATION for EXPERIENCE:**

Licensure as a professional engineer by the Kentucky State Board of Licensure for Professional Engineers and Land Surveyors will substitute for the five years of bridge inspection experience on non-complex structures. An ABET (Accreditation Board for Engineering and Technology) accredited bachelor's degree in engineering and successful completion of the Fundamentals of Engineering examination will substitute for three years of bridge inspection experience on non-complex structures. An ABET

accredited associate's degree in engineering technology will substitute for one year of bridge inspection experience on non-complex structures

**Substitute EXPERIENCE for EDUCATION:**

See Experience Substitution Clause above.

**SPECIAL REQUIREMENTS (AGE, LICENSURE, REGULATION, ETC.):**

Must possess and maintain a valid driver's license prior to appointment in this classification. Must maintain a valid driver's license for length of employment in this classification. Employing agency is responsible for ensuring employee possesses and maintains a valid driver's license.

**EXAMPLES OF DUTIES OR RESPONSIBILITIES OF THE JOB CLASSIFICATION:** *Examples of duties or responsibilities are not to be construed as describing what the duties or responsibilities of any position shall be and are not to be construed as limiting the appointing authority's ability to assign, or otherwise alter the duties and responsibilities of a position. This is not intended to be an exhaustive list.*

Performs and approves bridge inspections on all bridge structures, including complex structures. Leads bridge inspection teams. Oversees work of other bridge inspectors. Acts as team leader and coordinates the work of members of a bridge inspection team. Operates computer and applicable software related to NBIS data collection, inspection report compilation, and data transfer. Sorts and records data collected from bridge inspectors during inspections. Inputs data collected from inspections into computer database. Maintains and organizes district bridge files. Operates various measuring devices, camera, and survey equipment, and collects measurements for streambed elevations and profiles. Understands complex bridge mechanics. Understands hand analysis for simple span structures. Assists Transportation Bridge Inspector III on intra- district bridge inspections as requested. Attends required training classes. Understands OSHA/KOSHA safety standards pertaining to inspection practices and assures compliance of subordinate team members.

**UNIQUE PHYSICAL REQUIREMENTS:**

**TYPICAL WORKING CONDITIONS:** *Incumbents in the job will typically perform their job duties under these conditions.*

Work is performed in the office and in the field. Will be exposed to risks inherent to bridge construction sites, including extreme temperatures, heights, and working in and over water.

**ADDITIONAL REQUIREMENTS:**

Upon appointment, employees in this class may be required to maintain a valid driver's license and required to drive a licensed vehicle. This status may be necessary for the length of time in this class. If this is necessary it will be listed in the specific position description for that position. Applicants and employees in this job title maybe required to submit to a drug screening test and background check. Applicants and employees in positions which perform job duties that may require contact with offenders in the custody or supervision of the Department of Corrections or with youth in the care, custody, or supervision of the Department of Juvenile Justice must meet qualifications pursuant to the federal Prison Rape Elimination Act, 28 C.F.R.115.17 and 115.317.

THE COMMONWEALTH OF KENTUCKY DOES NOT DISCRIMINATE ON THE BASIS OF RACE, COLOR, RELIGION, SEX, NATIONAL ORIGIN, SEXUAL ORIENTATION OR GENDER IDENTITY, ANCESTRY, AGE, DISABILITY, POLITICAL AFFILIATION, GENETIC INFORMATION OR VETERAN STATUS IN ACCORDANCE WITH STATE AND FEDERAL LAWS.